

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AR\
 Data File : FG015310.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 20:01
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 06 03:07:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 02:53:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.984	2500774	20.626 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
6) S 2-Fluorobiphenyl (SURR)	8.863	1724083	20.594 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.19%
11) S ortho-Terphenyl (SURR)	11.939	2860876	20.476 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.574	2619379	20.664 ug/ml
2) T Naphthalene (C11.7)	6.253	2780308	20.684 ug/ml
3) T 2-Methylnaphthalene (...)	7.355	2757578	20.638 ug/ml
5) T Acenaphthylene (C15.06)	8.662	2847223	20.554 ug/ml
7) T Acenaphthene (C15.5)	8.963	2785058	20.576 ug/ml
8) T Flouorene (C16.55)	9.755	2835989	20.493 ug/ml
9) T Phenanthrene (C19.36)	11.168	2757652	20.432 ug/ml
10) T Anthracene (C19.43)	11.243	2714250	20.519 ug/ml
12) T Fluoranthene (C21.85)	12.997	2717184	20.489 ug/ml
13) T Pyrene (C20.8)	13.296	2683704	20.490 ug/ml
14) T Benzo[a]anthracene (C...	15.183	2597647	20.445 ug/ml
15) T Chrysene (C27.41)	15.226	2599474	20.329 ug/ml
16) T benzo[b]fluoranthene ...	16.748	2634773	20.286 ug/ml
17) T Bnezo[k]fluoranthene ...	16.780	2632204	20.365 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	2562366	20.338 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.506	2561300	19.926 ug/ml
20) T Dibenz[a,h]anthracene...	18.544	2758072	20.409 ug/ml
21) T Benzo[g,h,i]perylene ...	18.763	2738135	20.177 ug/ml

(f)=RT Delta > 1/2 Window

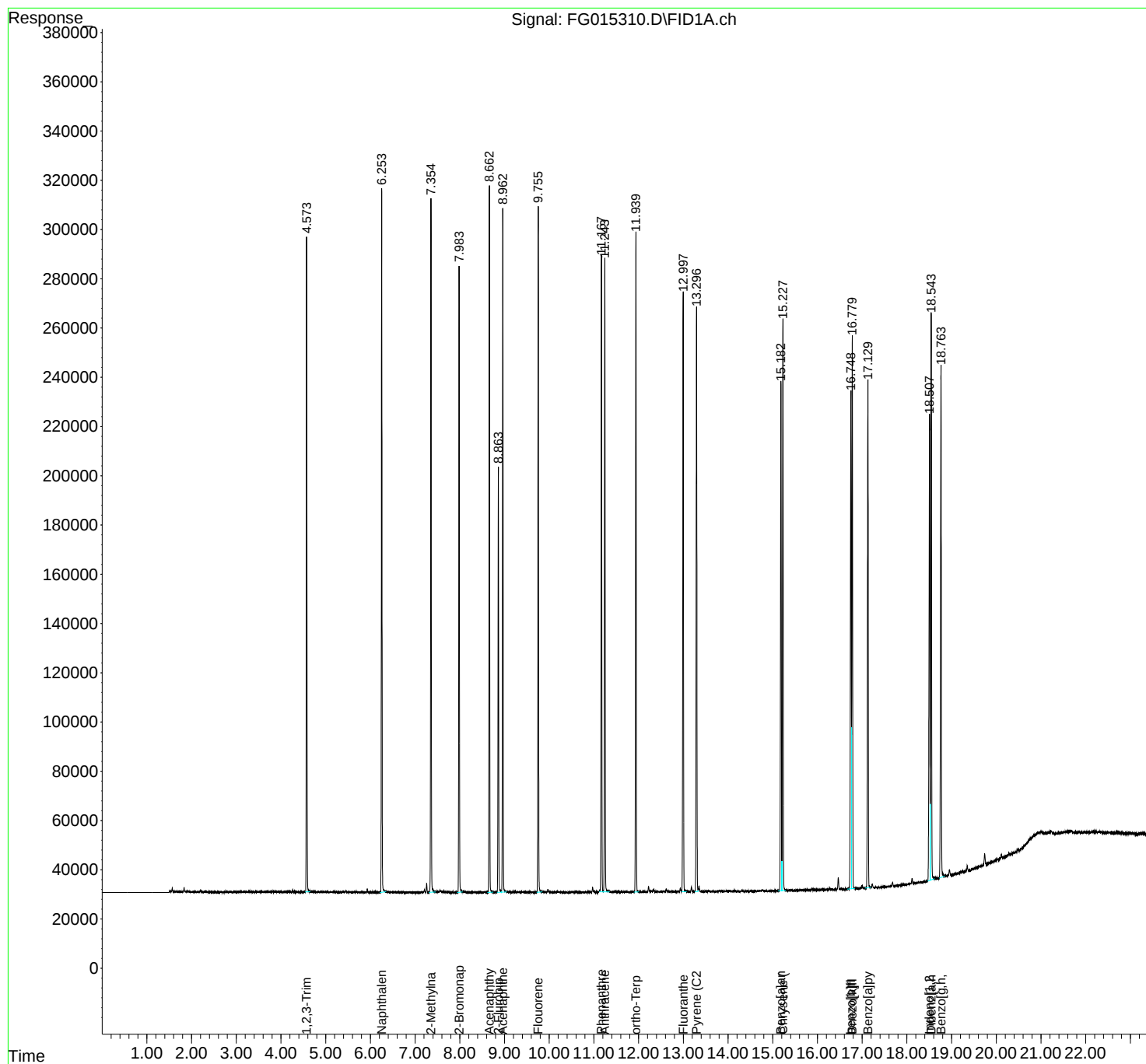
(m)=manual int.

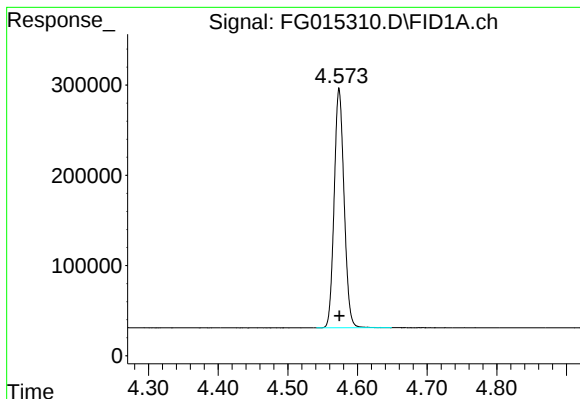
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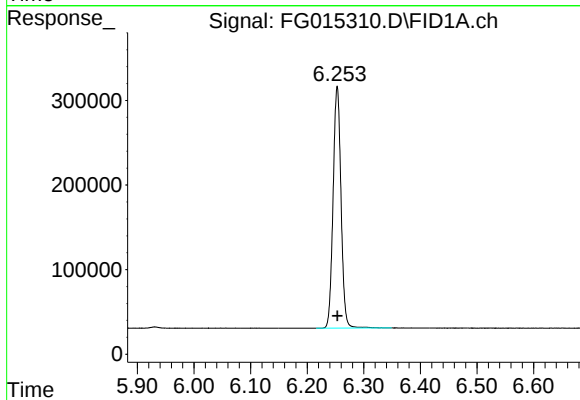




#1 1,2,3-Trimethylbenzene (C10.1)

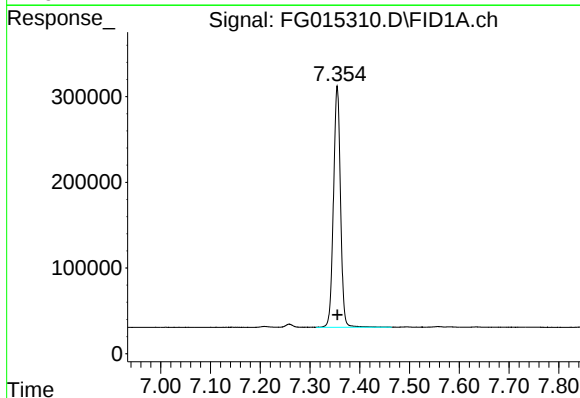
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 2619379
Conc: 20.66 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



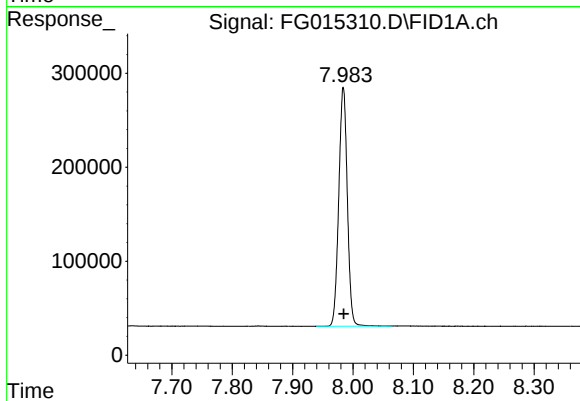
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2780308
Conc: 20.68 ug/ml



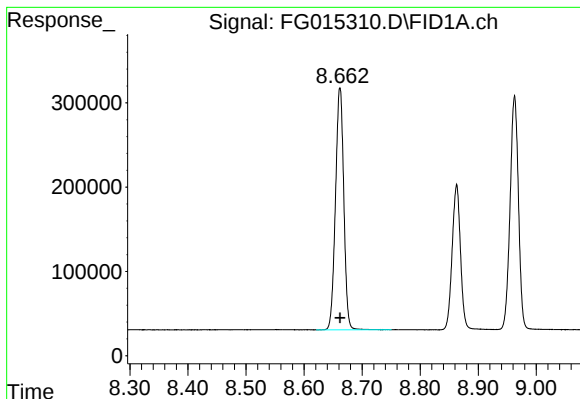
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 2757578
Conc: 20.64 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 2500774
Conc: 20.63 ug/ml



#5 Acenaphthylene (C15.06)

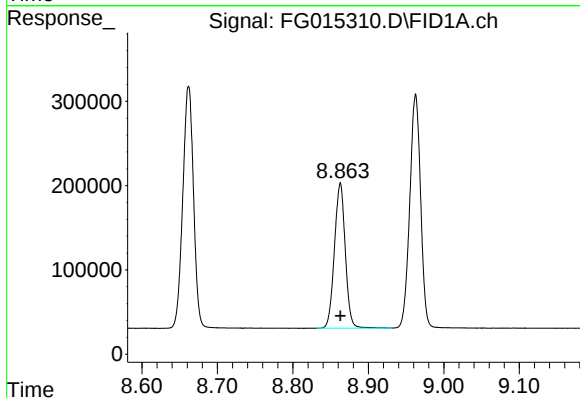
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 2847223
Conc: 20.55 ug/ml

Instrument :

FID_G

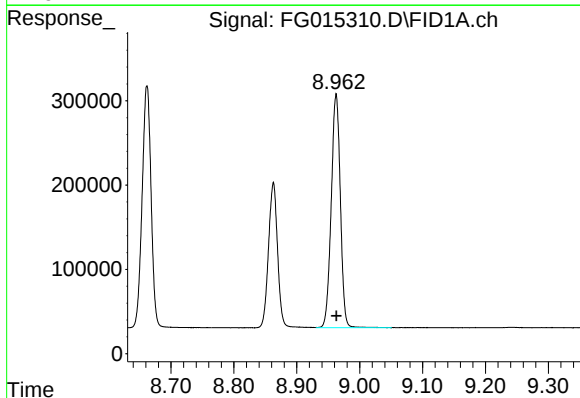
ClientSampleId :

20 PPM AROMATIC HC STD ICV



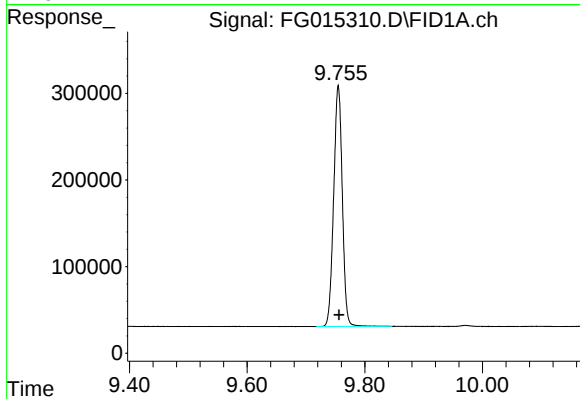
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1724083
Conc: 20.59 ug/ml



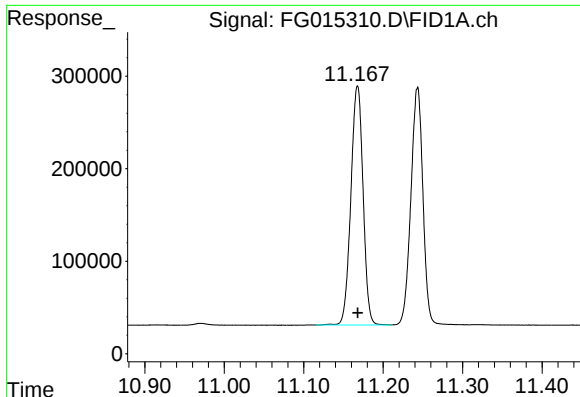
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.000 min
Response: 2785058
Conc: 20.58 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.755 min
Delta R.T.: -0.001 min
Response: 2835989
Conc: 20.49 ug/ml



#9 Phenanthrene (C19.36)

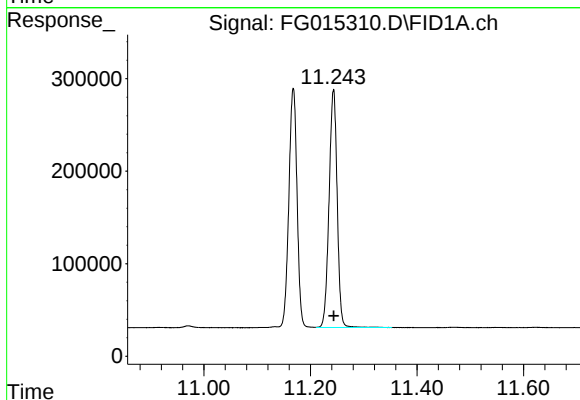
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 2757652
Conc: 20.43 ug/ml

Instrument :

FID_G

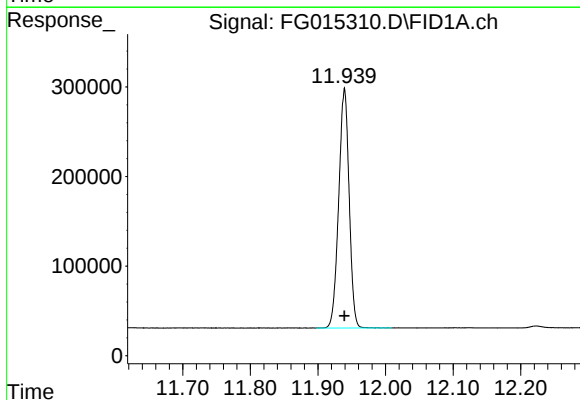
ClientSampleId :

20 PPM AROMATIC HC STD ICV



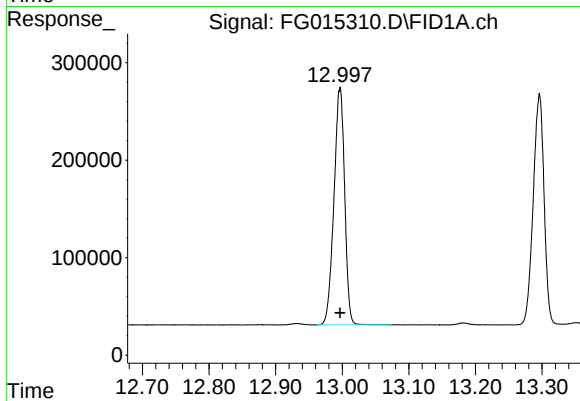
#10 Anthracene (C19.43)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 2714250
Conc: 20.52 ug/ml



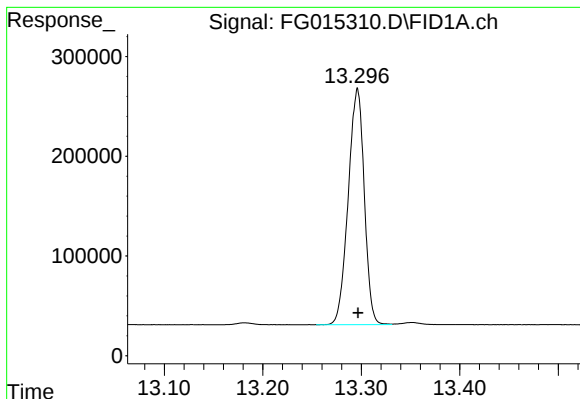
#11 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 2860876
Conc: 20.48 ug/ml



#12 Fluoranthene (C21.85)

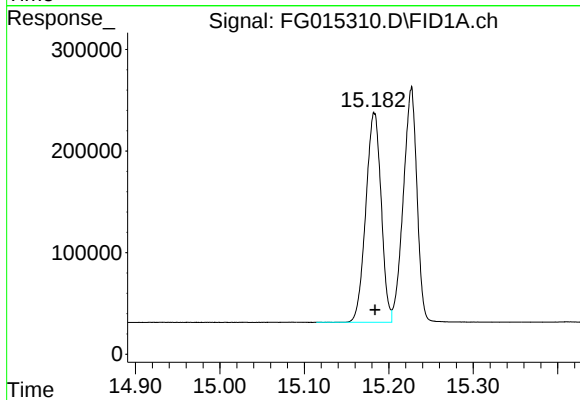
R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 2717184
Conc: 20.49 ug/ml



#13 Pyrene (C20.8)

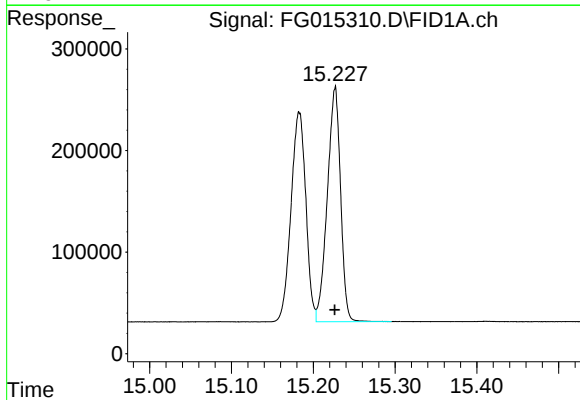
R.T.: 13.296 min
Delta R.T.: 0.000 min
Response: 2683704
Conc: 20.49 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD ICV



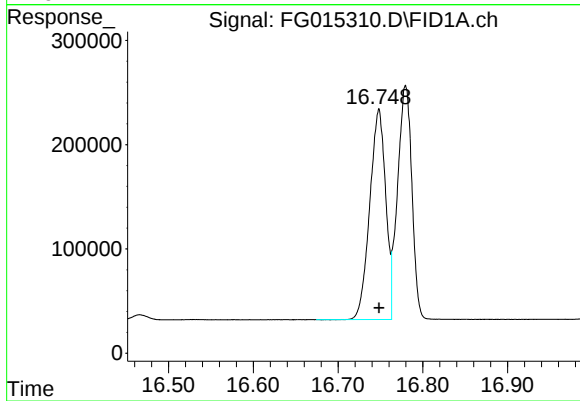
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.183 min
Delta R.T.: 0.000 min
Response: 2597647
Conc: 20.44 ug/ml



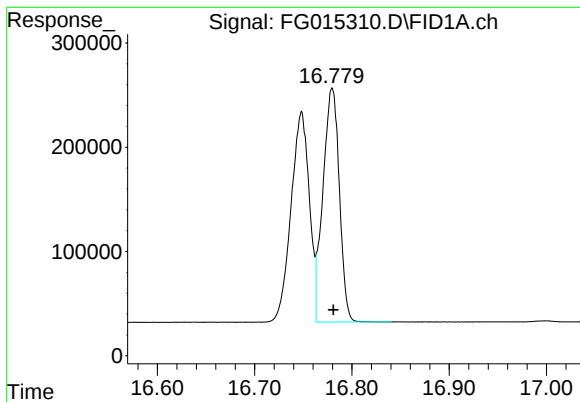
#15 Chrysene (C27.41)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 2599474
Conc: 20.33 ug/ml



#16 benzo[b]fluoranthene (C30.41)

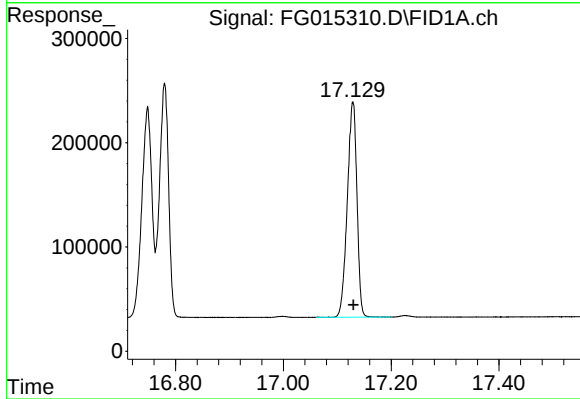
R.T.: 16.748 min
Delta R.T.: 0.000 min
Response: 2634773
Conc: 20.29 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

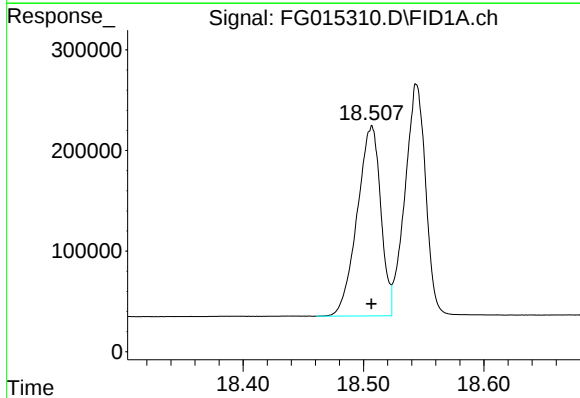
R.T.: 16.780 min
Delta R.T.: -0.001 min
Response: 2632204
Conc: 20.37 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



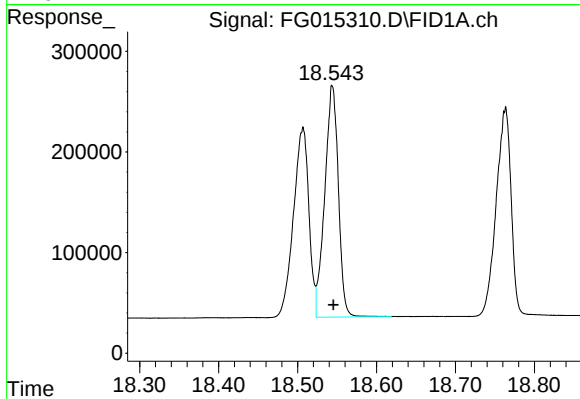
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: -0.001 min
Response: 2562366
Conc: 20.34 ug/ml



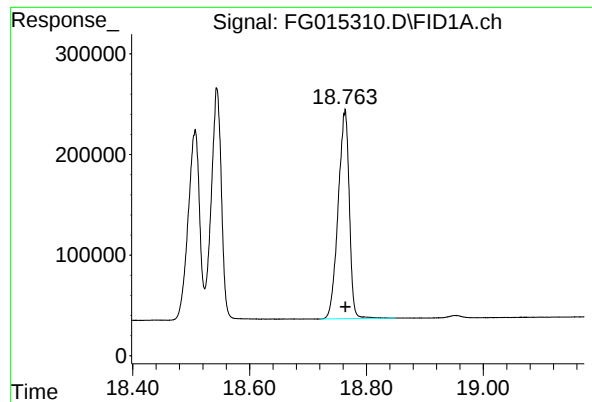
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.506 min
Delta R.T.: 0.000 min
Response: 2561300
Conc: 19.93 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.544 min
Delta R.T.: -0.001 min
Response: 2758072
Conc: 20.41 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.763 min
Delta R.T.: -0.001 min
Response: 2738135
Conc: 20.18 ug/ml

Instrument :

FID_G

ClientSampleId :

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